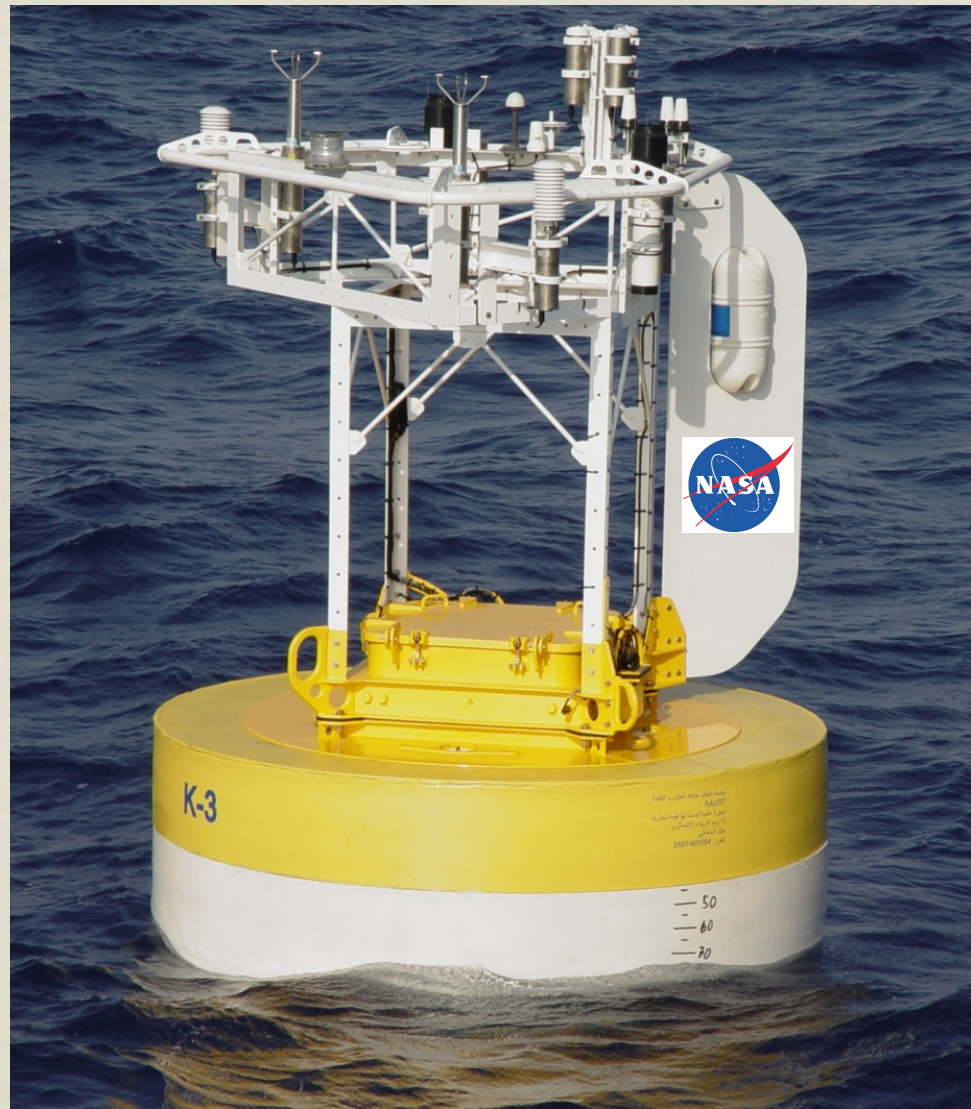


A surface mooring for SPURS

Tom Farrar
Al Plueddemann
Jim Edson



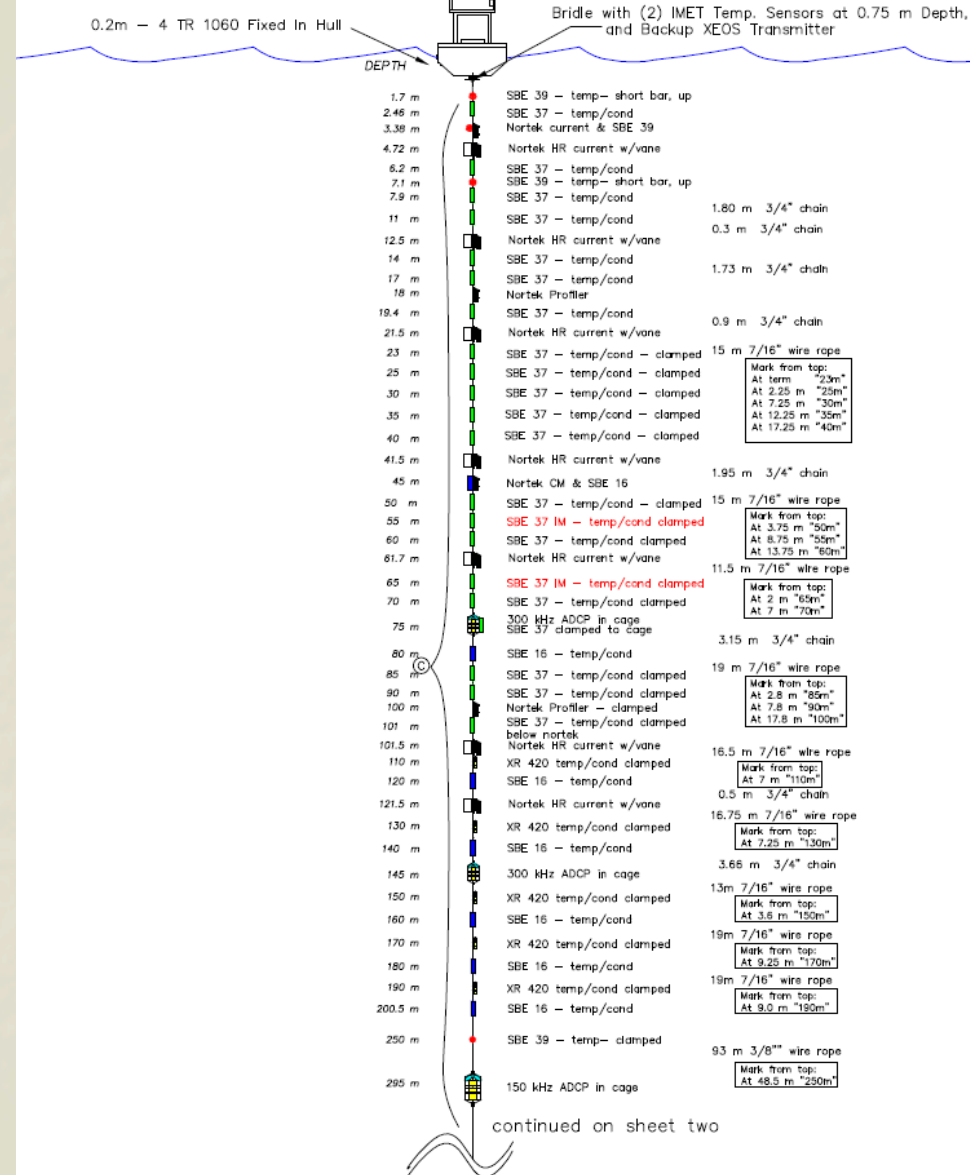
Approach:

- (1) Measurements of surface meteorology and radiation with dual IMET packages; surface waves; precip enhancements
- (2) Direct turbulent flux measurements (wind stress, latent heat flux/evap, sensible heat flux)
- (3) Measurements of T, S, and U with good vertical and temporal resolution (<5-m in upper 90 m)

PO Mooring # 1250

BUOY WATCH CIRCLE ~ 4 N.Miles

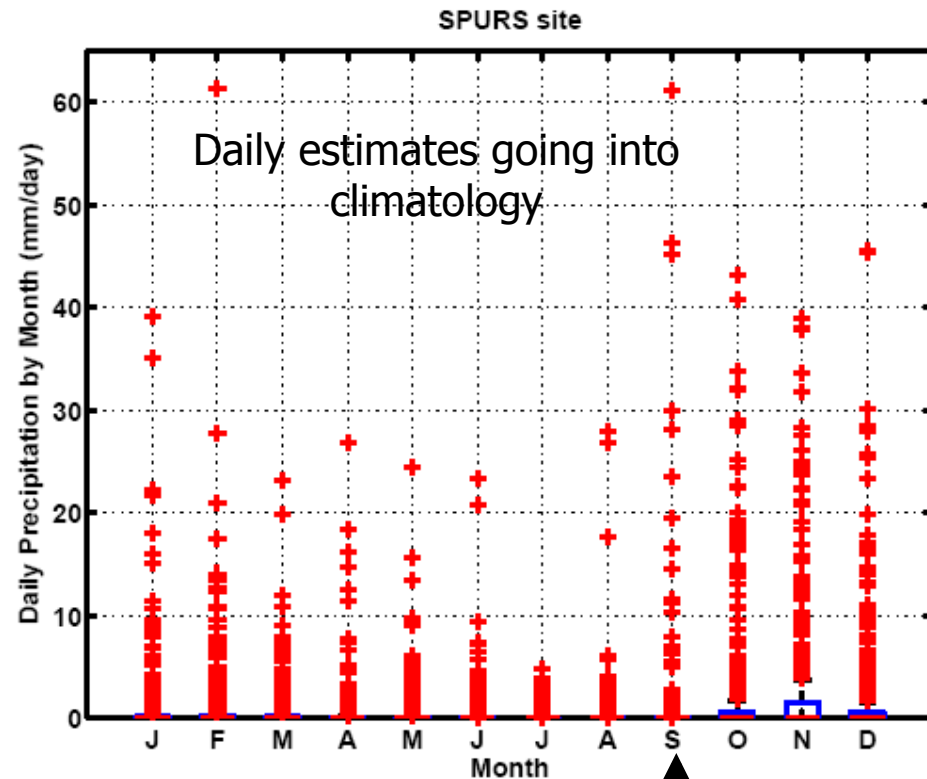
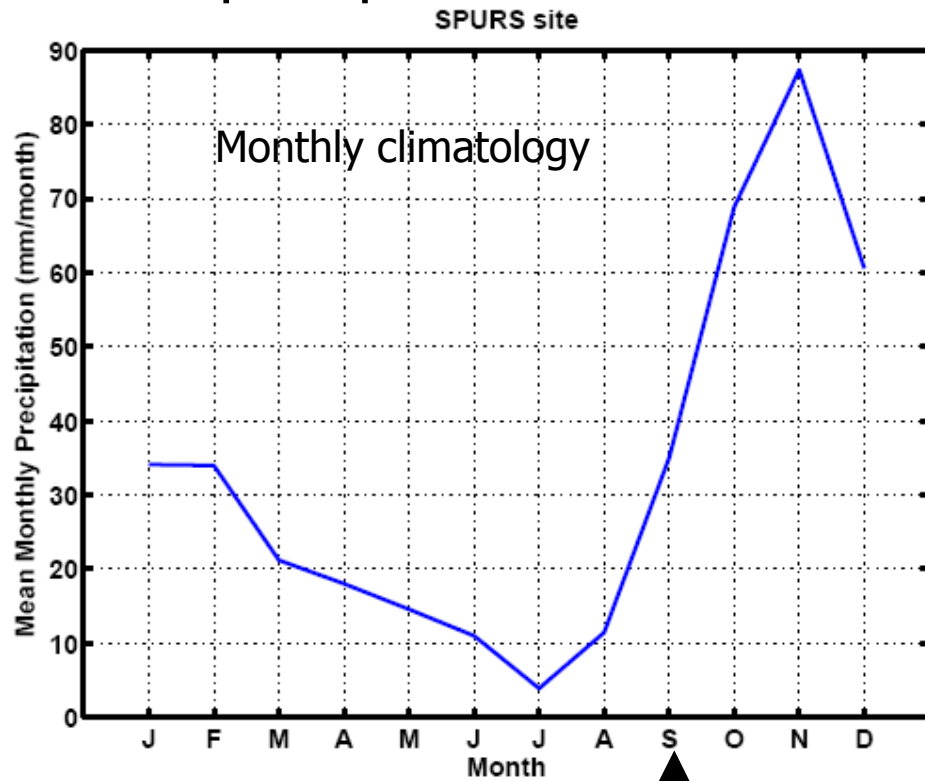
2.7 m Surlyn Buoy with
(2) IMET/Iridium Telemetry,
XEOS GPS, SA AT/H, LASCAR
VIASALA WXT 520,HASSE PRECIP.
LICOR, DCFS, WAMDAS



SPURS MOORING

Draft V7- Sheet 1 of 2

GPCP precipitation, ~1996-2009:



It doesn't rain a lot here, but it does sometimes, and sometimes heavily in September. Maybe we should consider a "rain plan" for shipboard/other sampling? Near-real-time precip information?